

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

FIG. 1

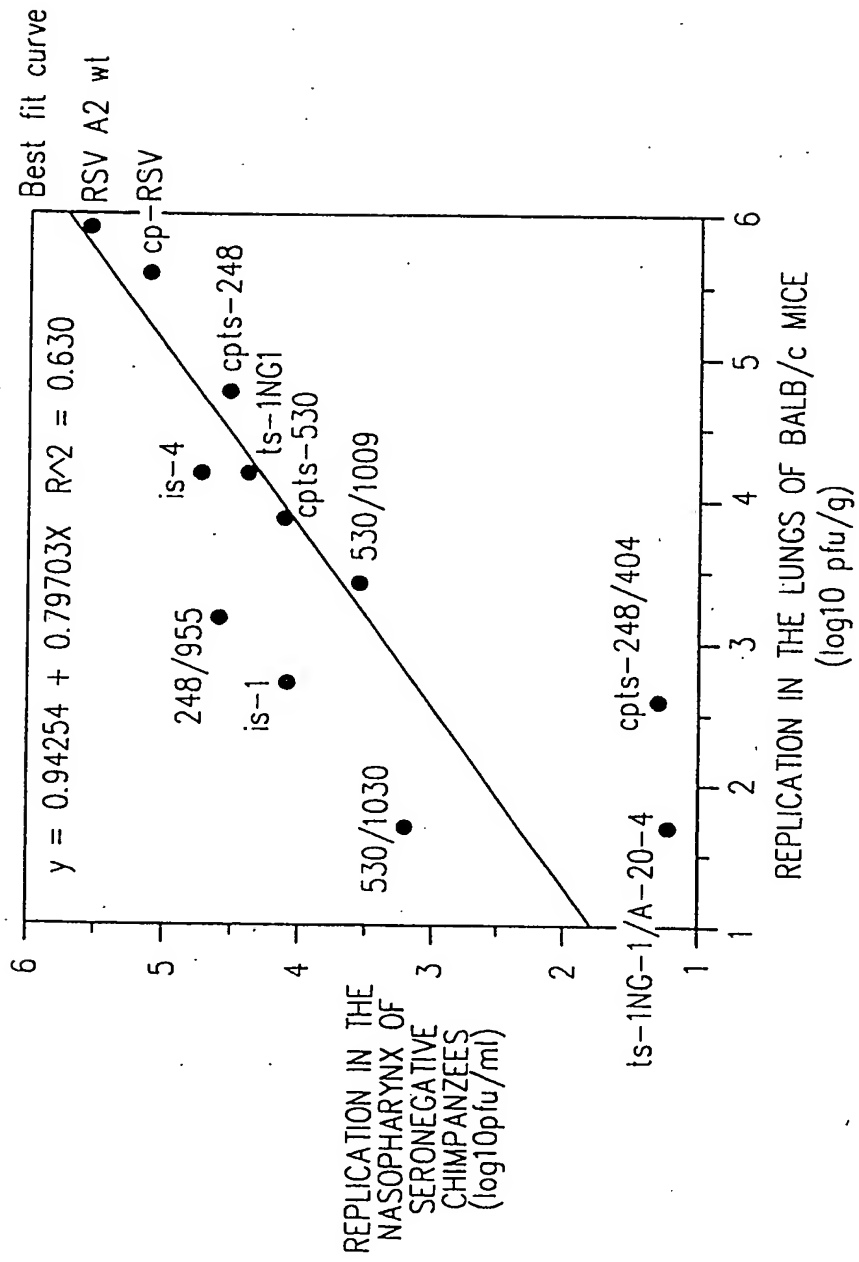


FIG. 2

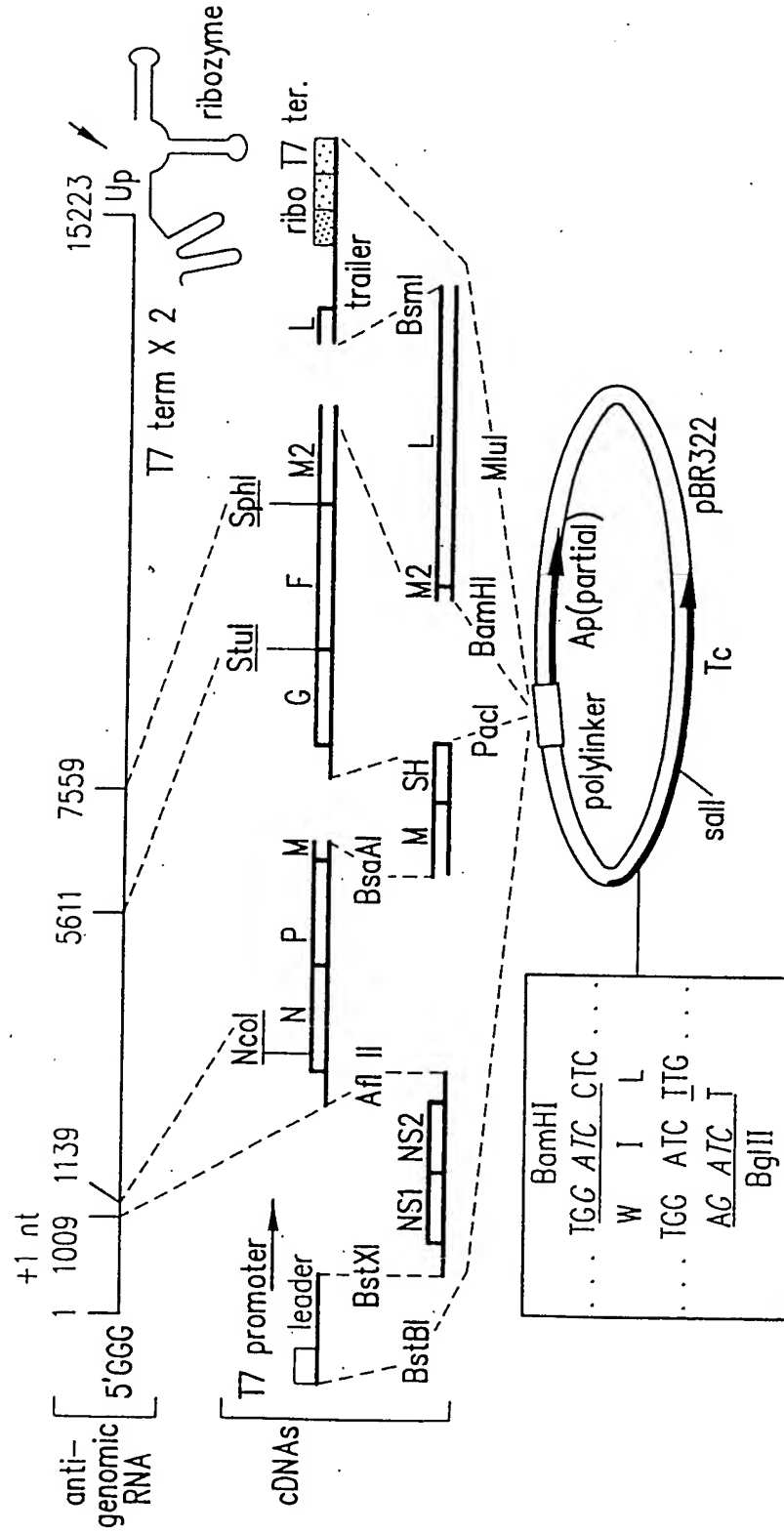


FIG. 3

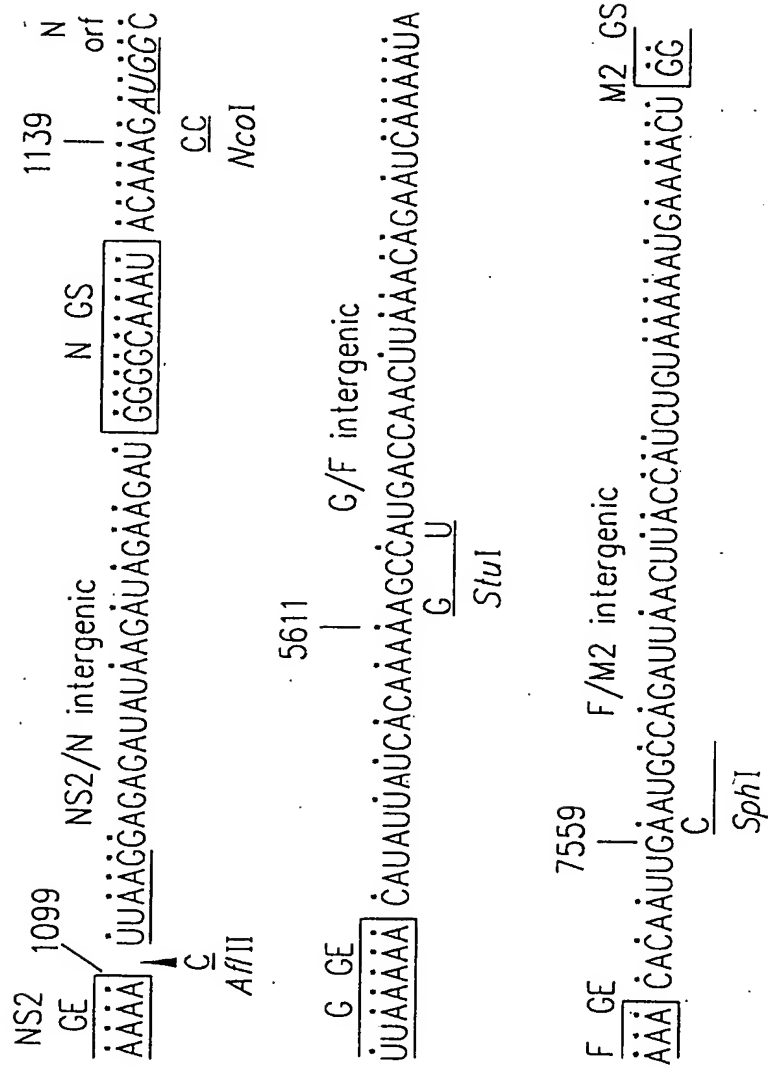


FIG. 4A

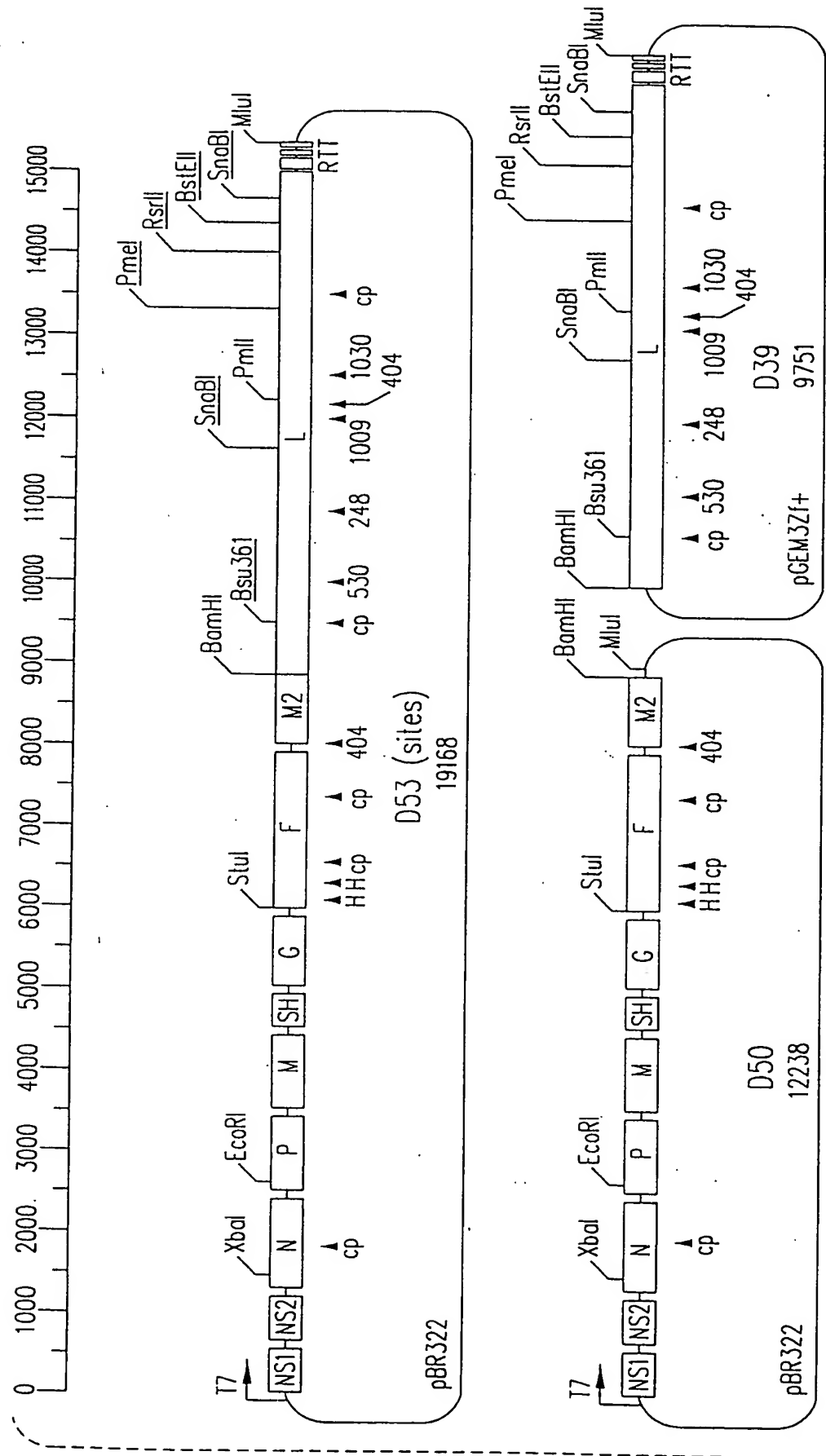
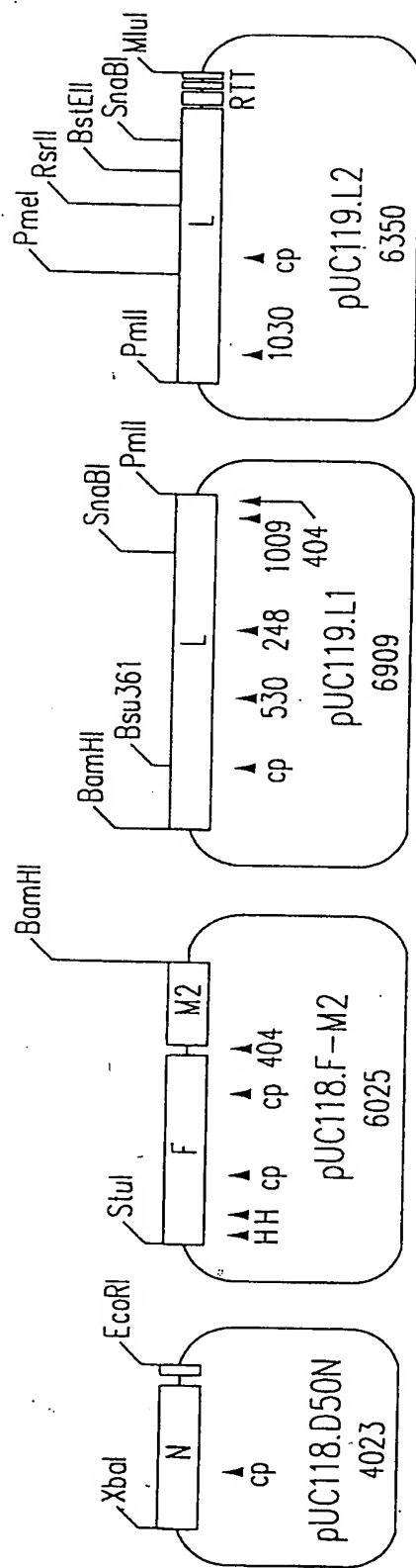


FIG. 4B



Reduction in virus titer
(log₁₀) pfu at 40°C
compared to 32°C

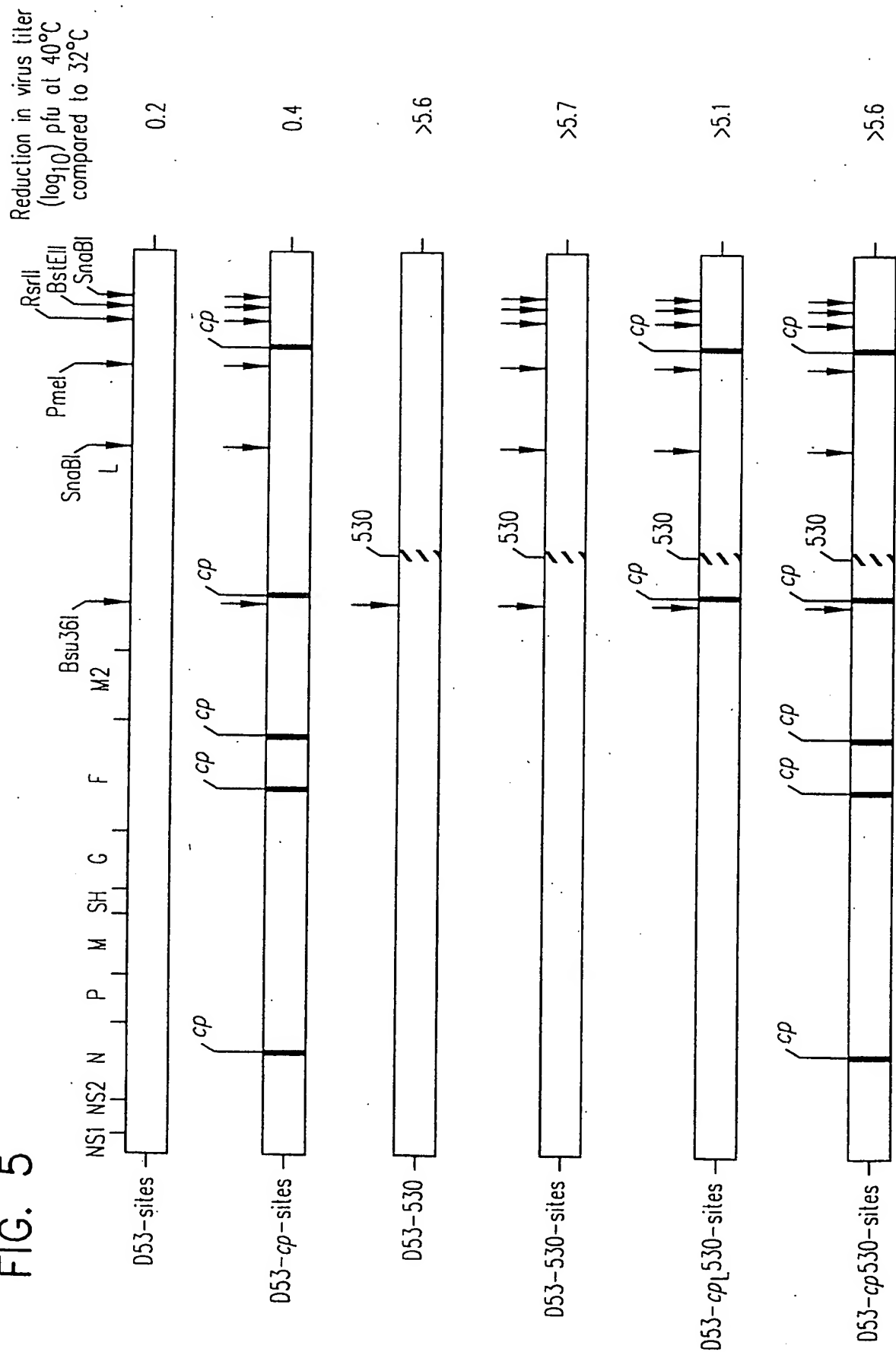


FIG. 6

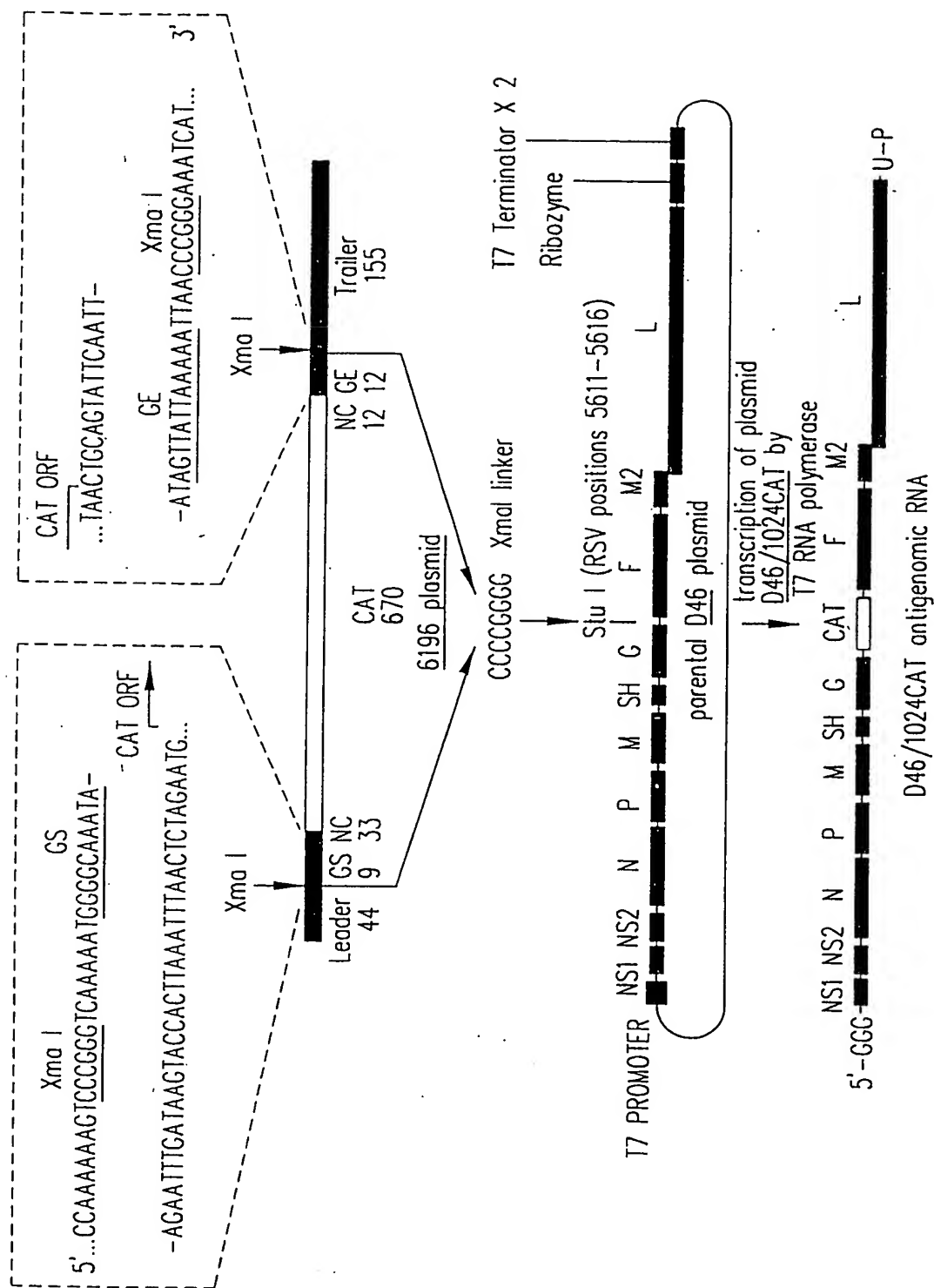


FIG. 7A

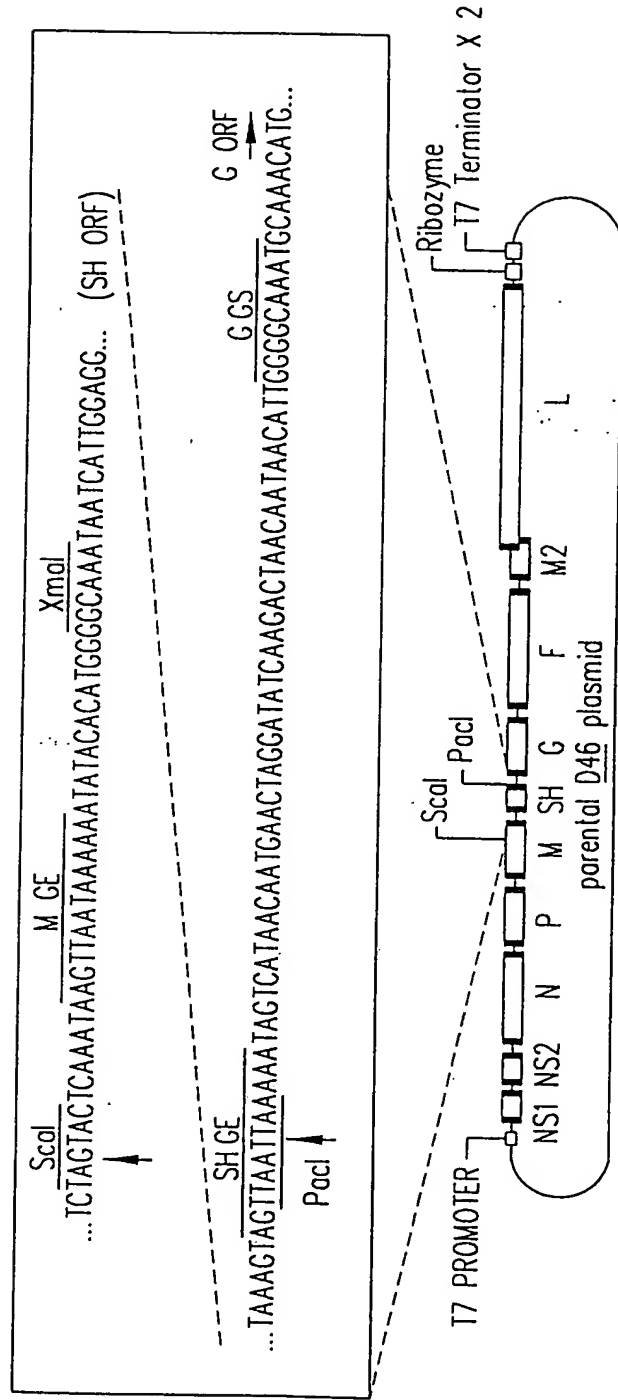


FIG. 7B

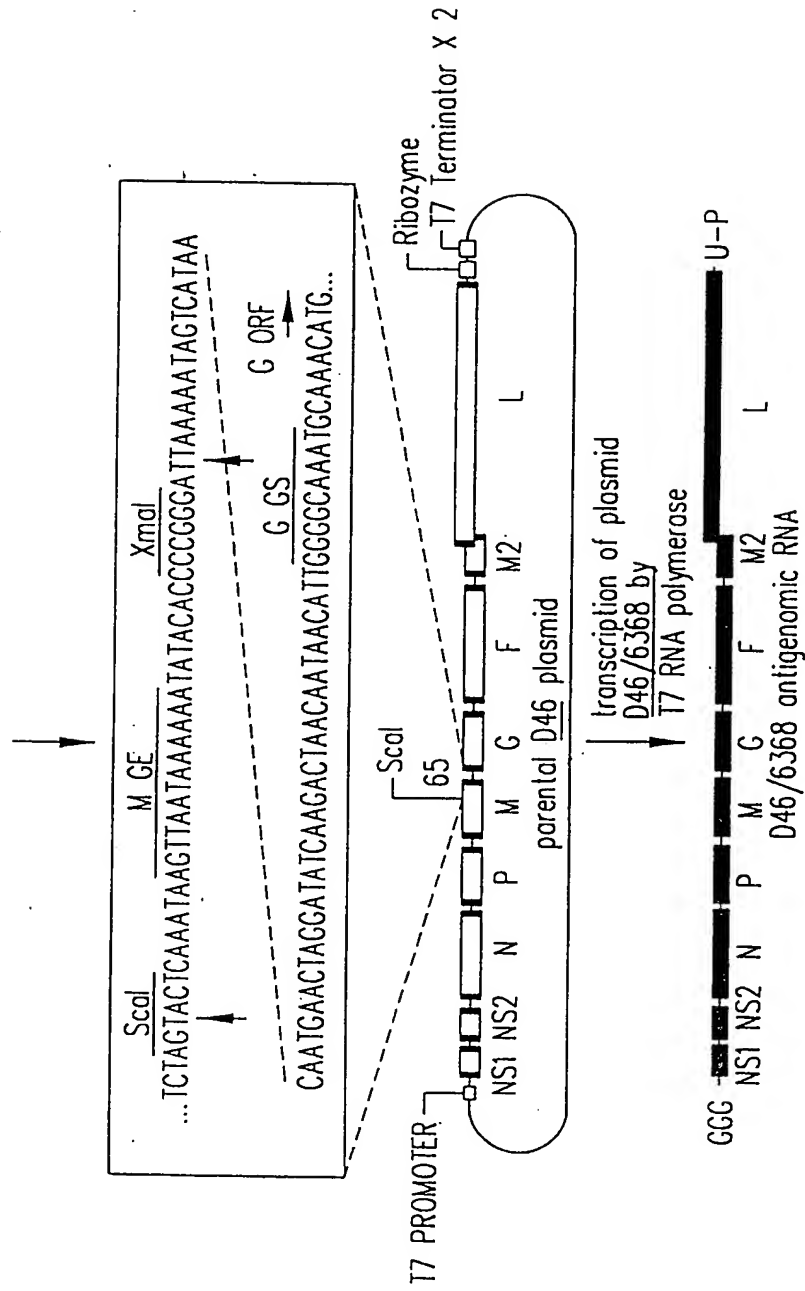


FIG. 9A

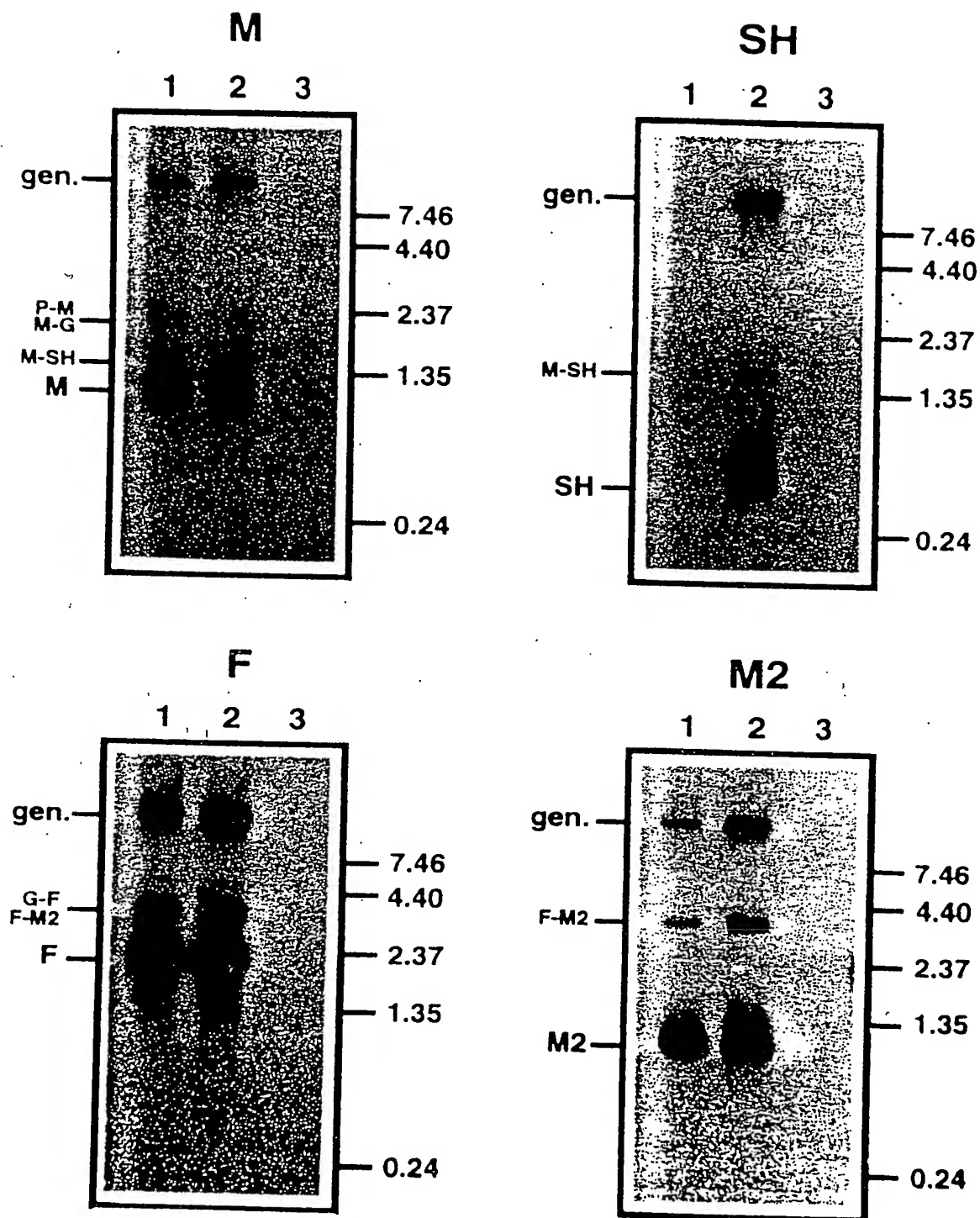


FIG. 9B

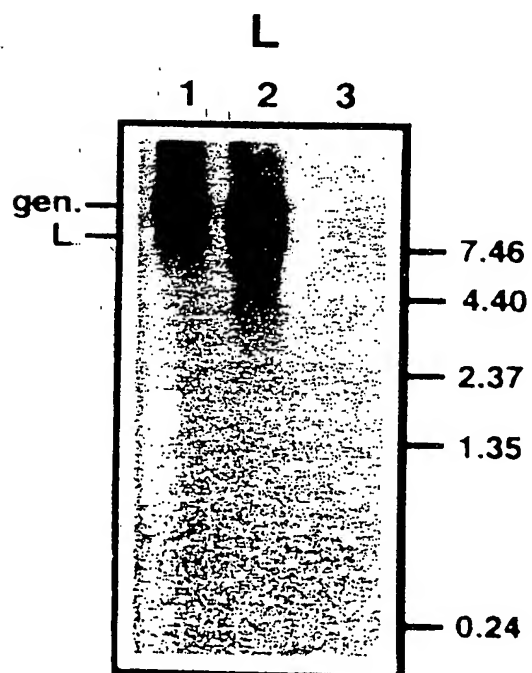
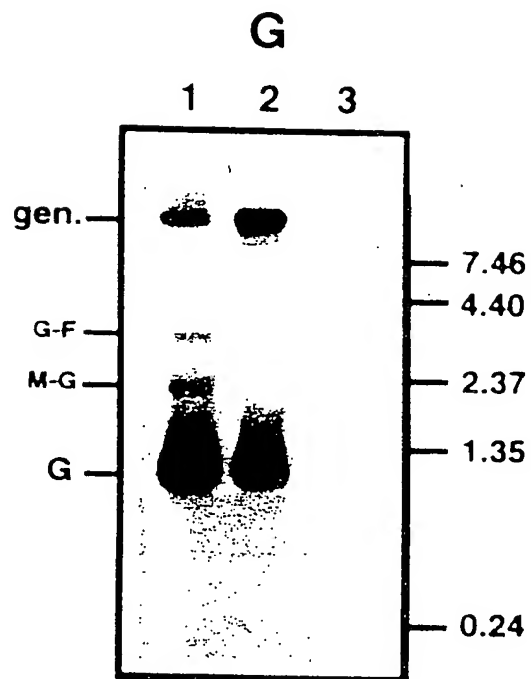


FIG. 8

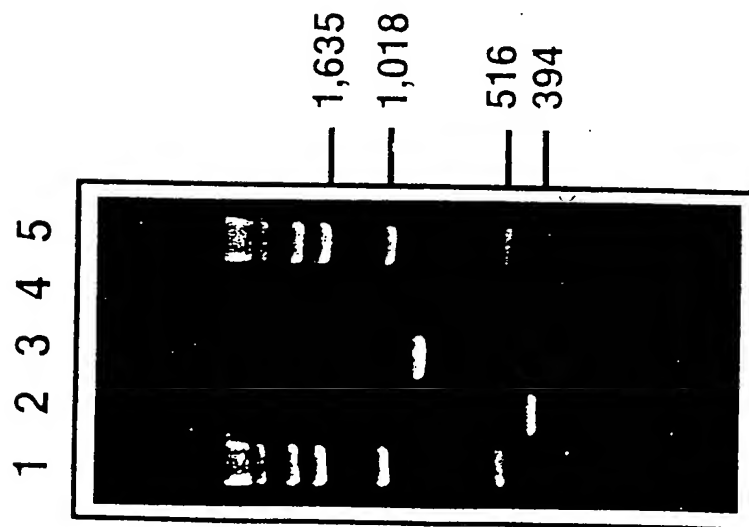


FIG. 10

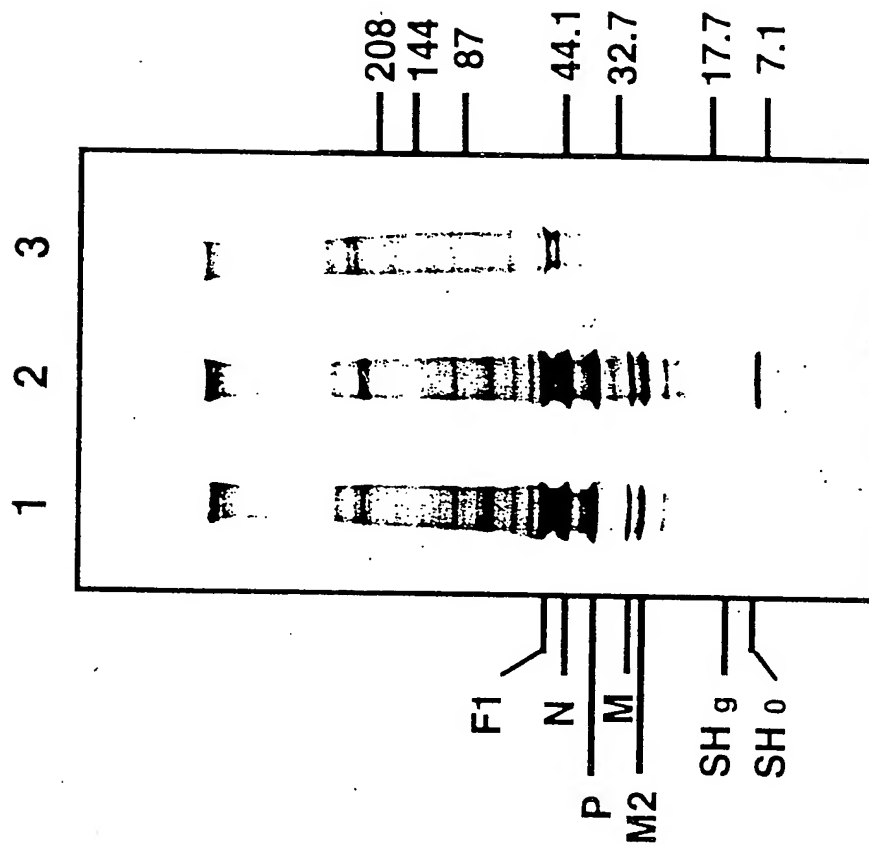


FIG. 11

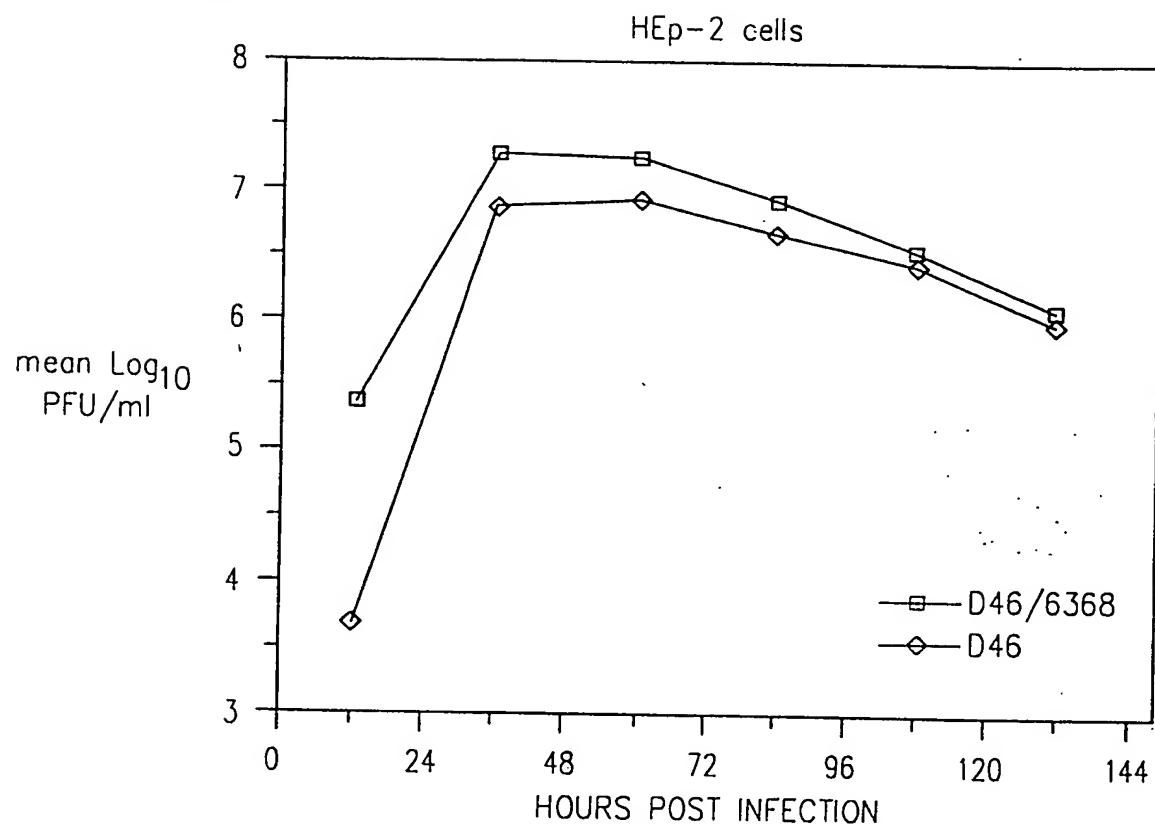


FIG. 12

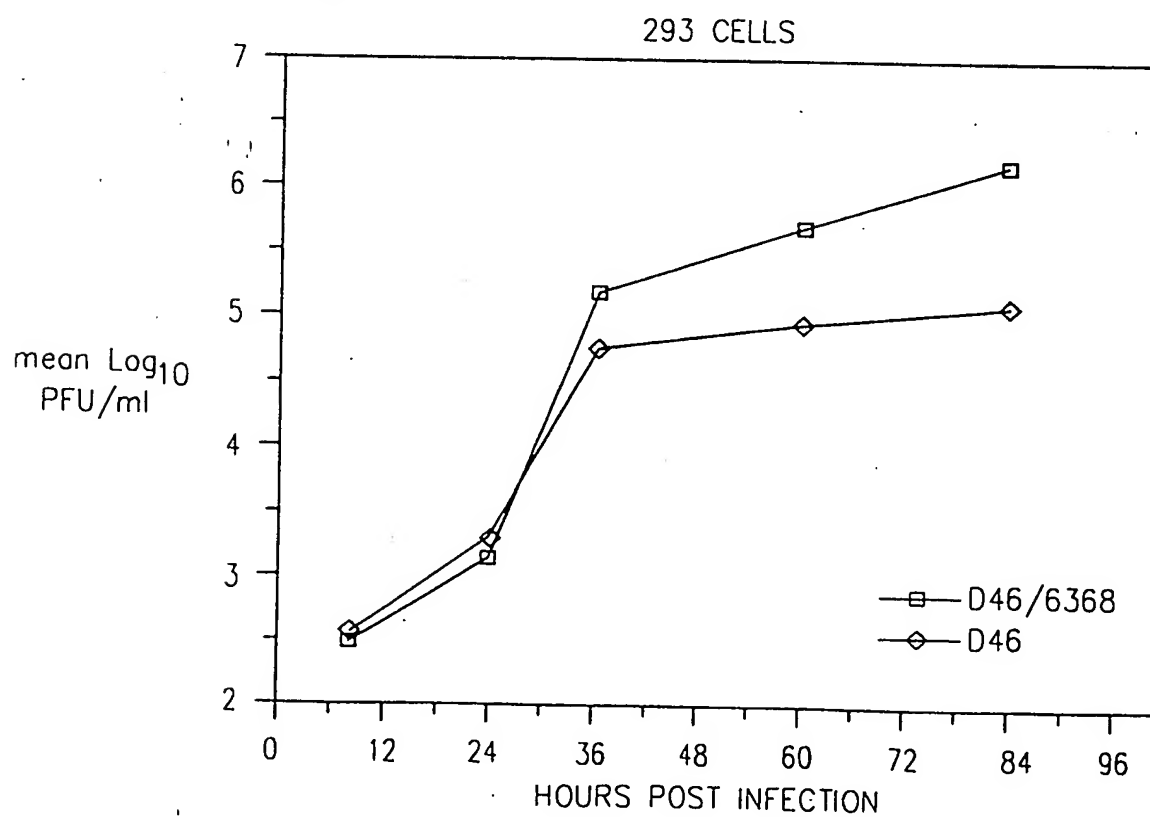


FIG. 13

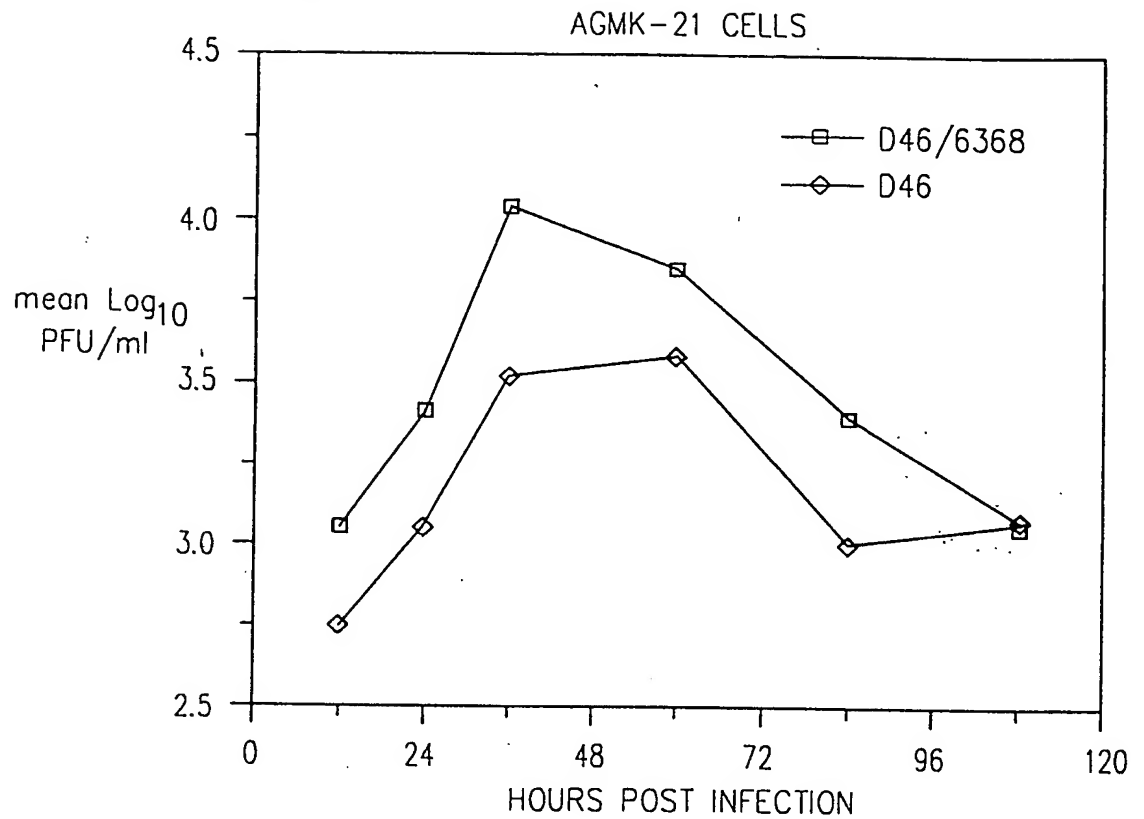


FIG. 14

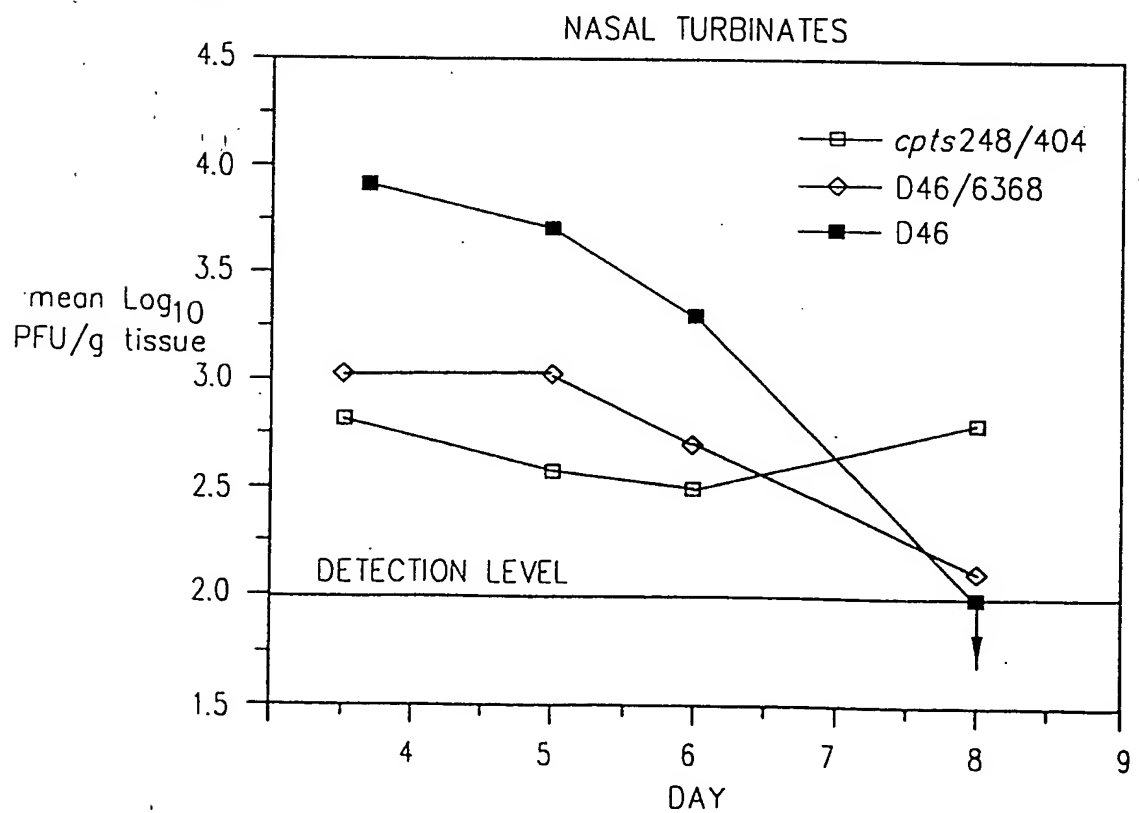


FIG. 15

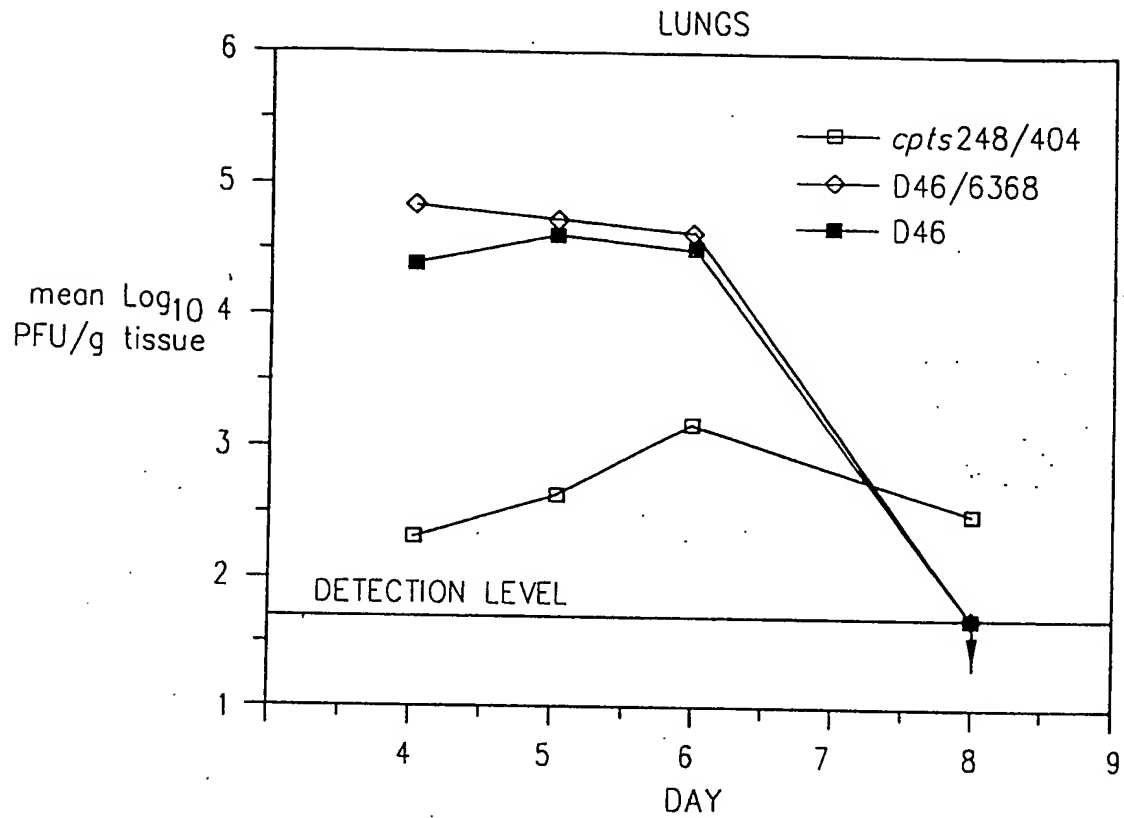


FIG. 16

The SH-minus mutant has a steeper gradient of polar transcription

Relative mRNA abundance: SH-minus/wild type				
M	G	F	M2	L
1.1	1.3	0.61	0.32	0.17

Positions of genes in 3'-5' map				
	5	6	7	10
WT:	3'-M-SH-G-F-M2-L			
	5	6	9	
SH-minus:	3'-M-----G-F-M2-L			

FIG. 17

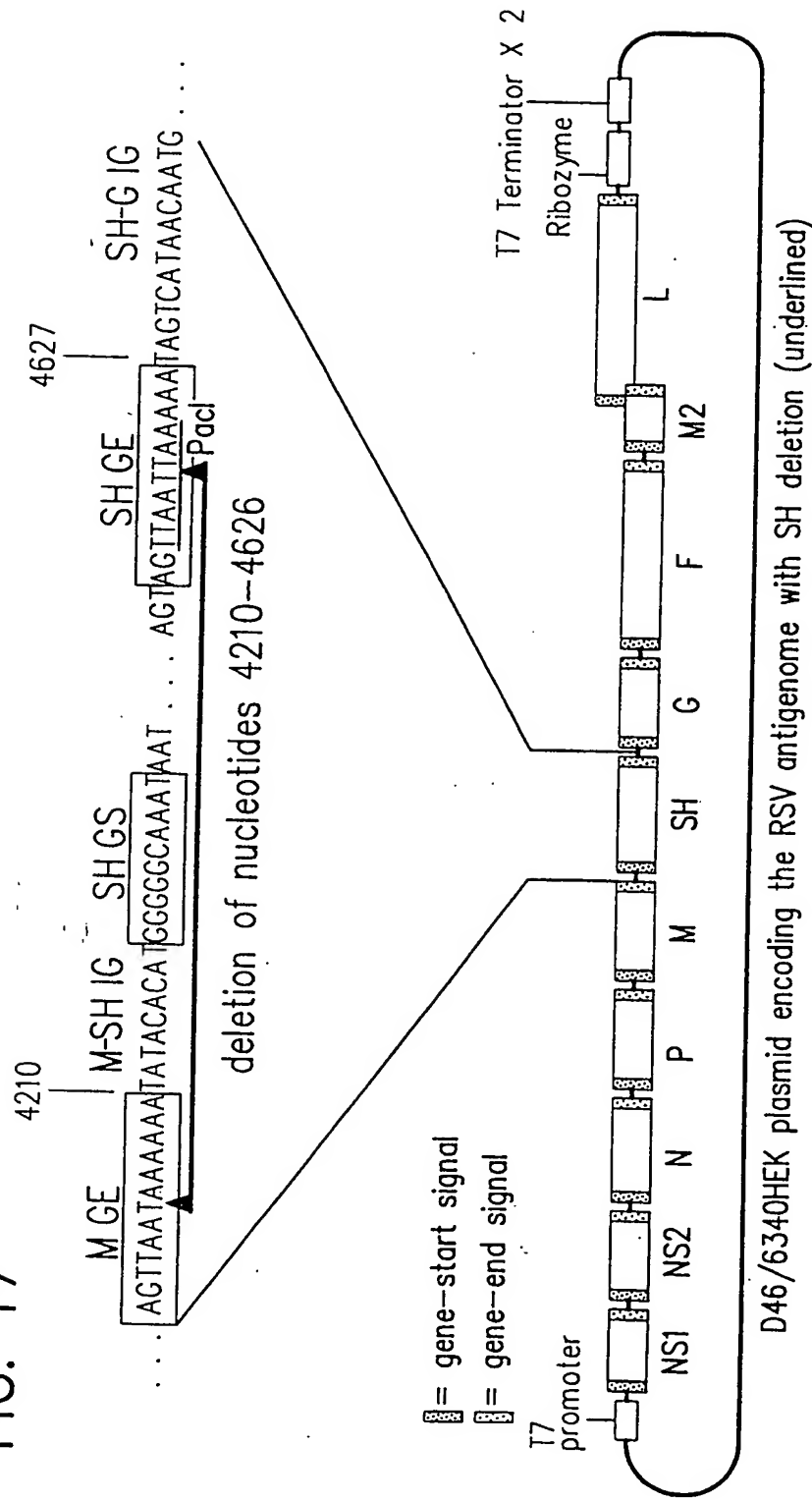


FIG. 18

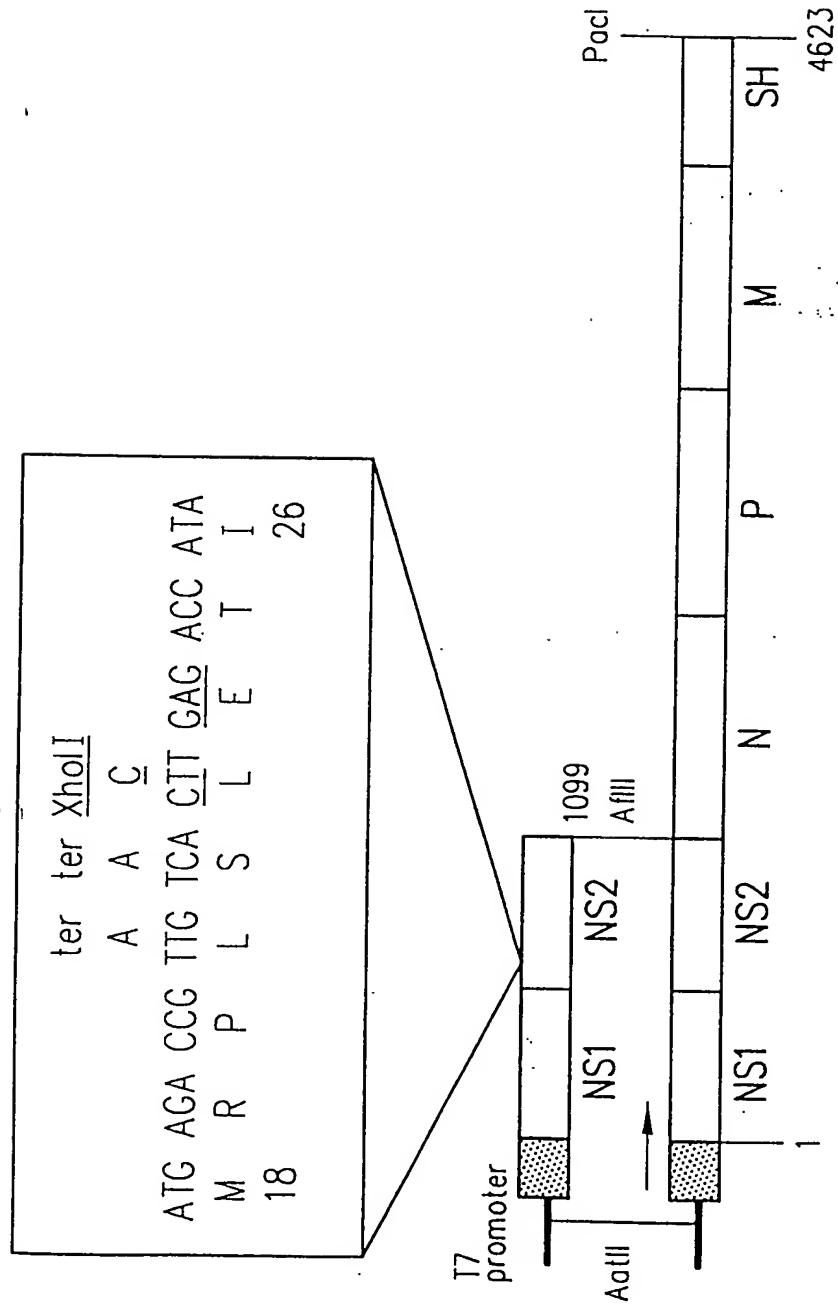


FIG. 19

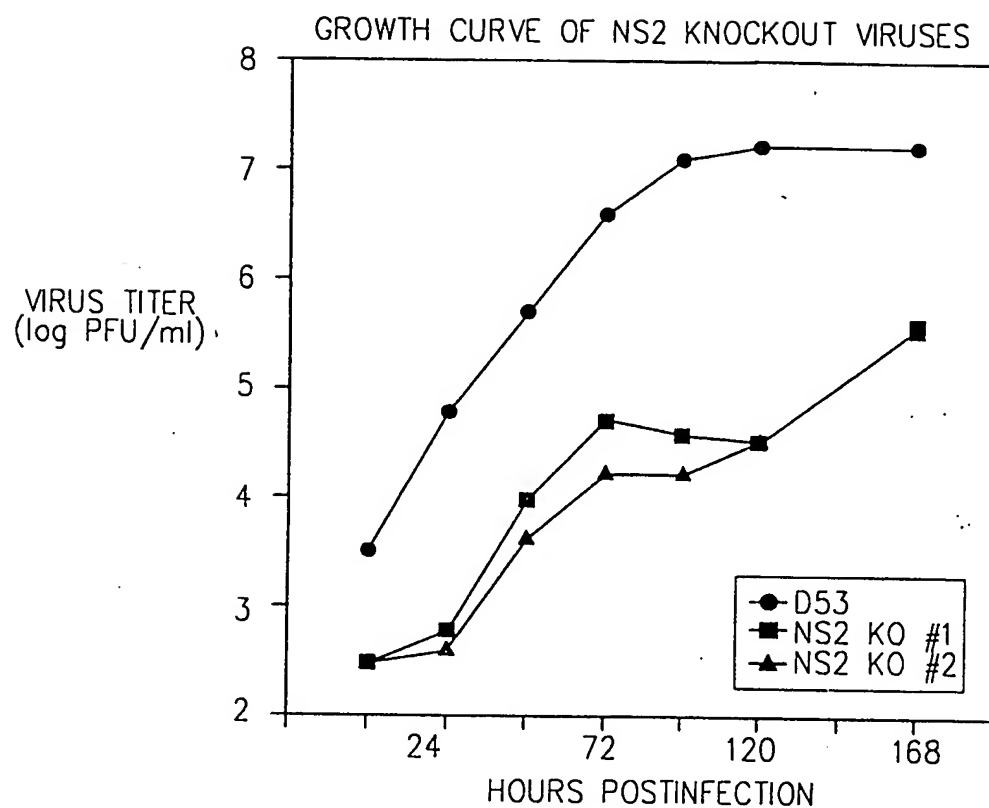


FIG. 24

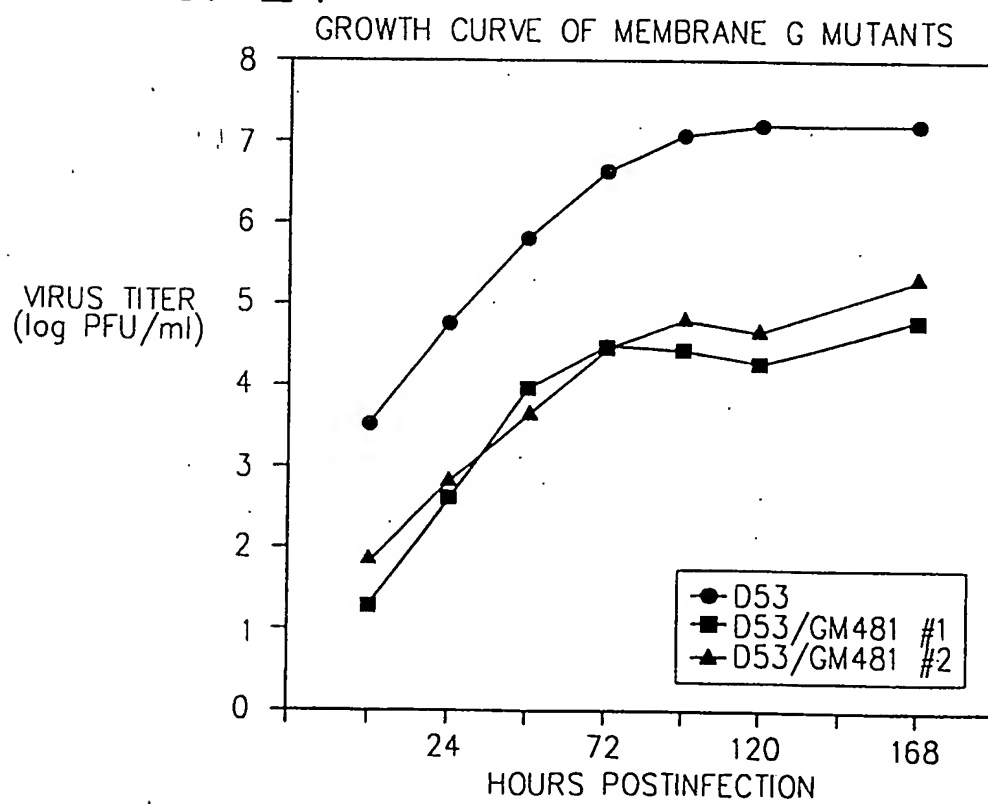


FIG. 20

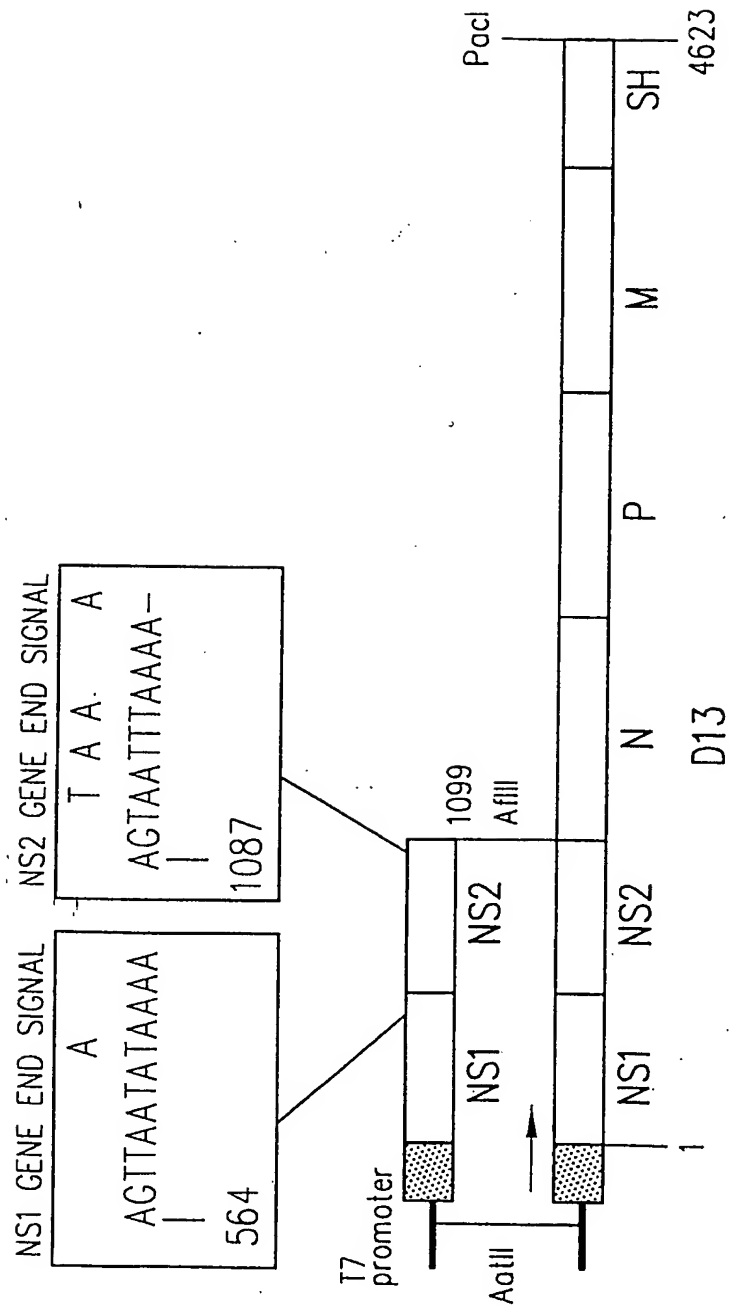


FIG. 21

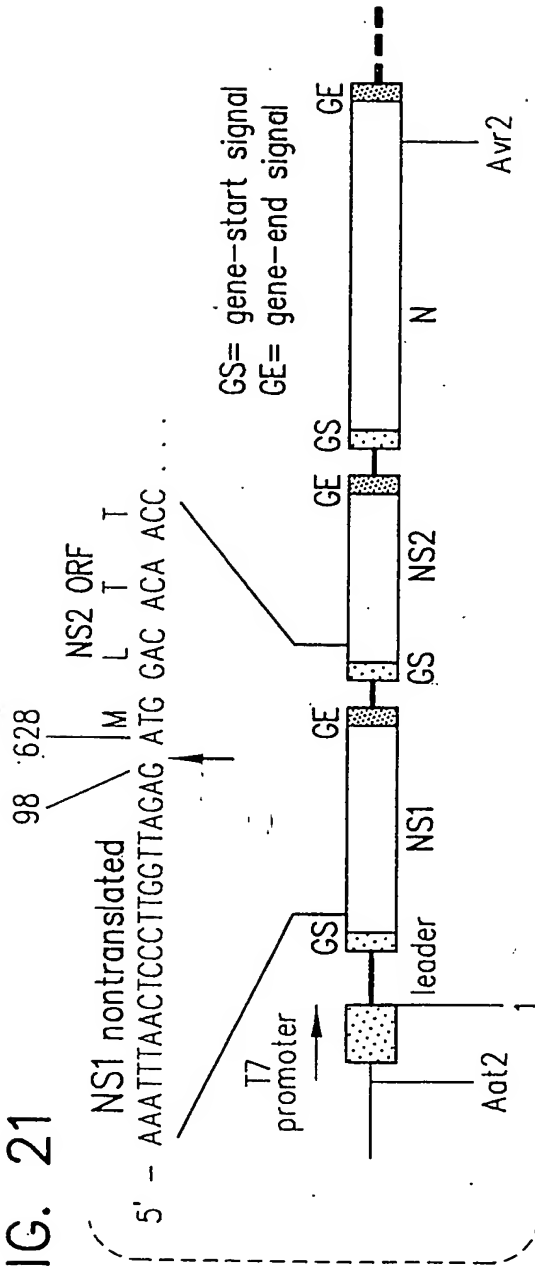


FIG. 22

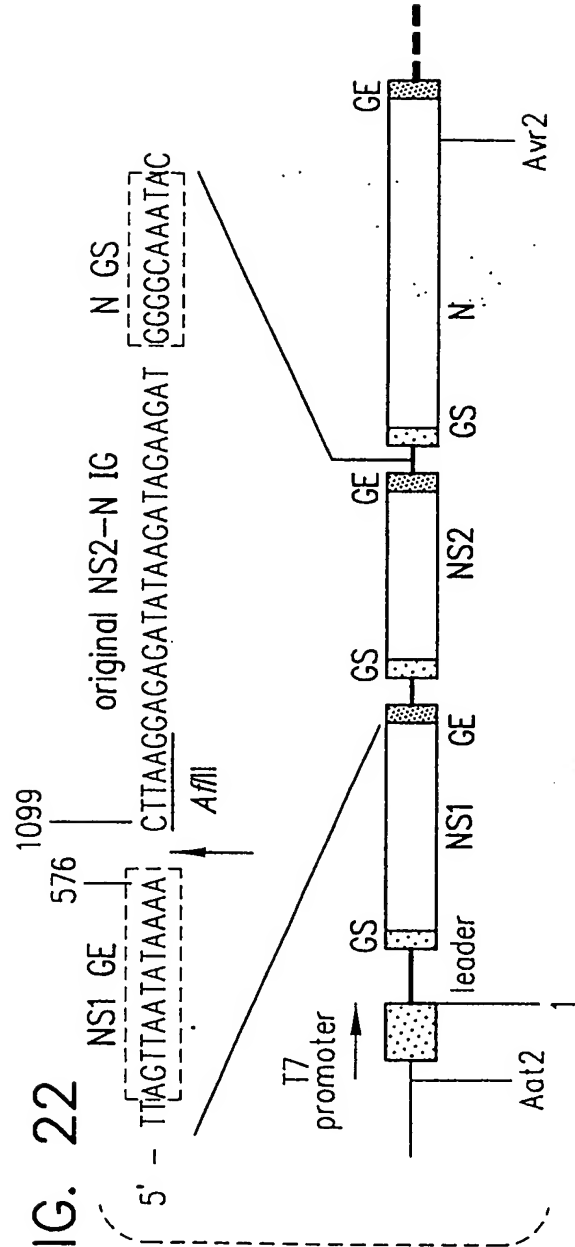


FIG. 23

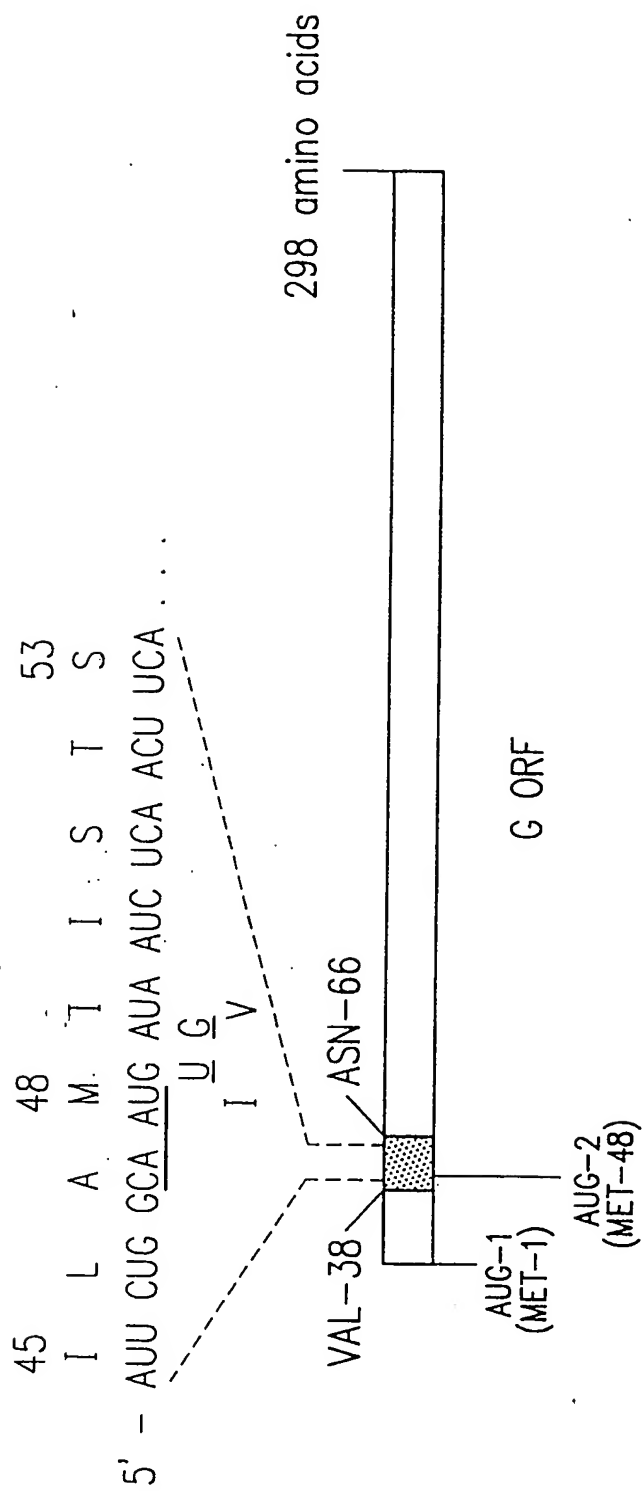


Fig. 25A

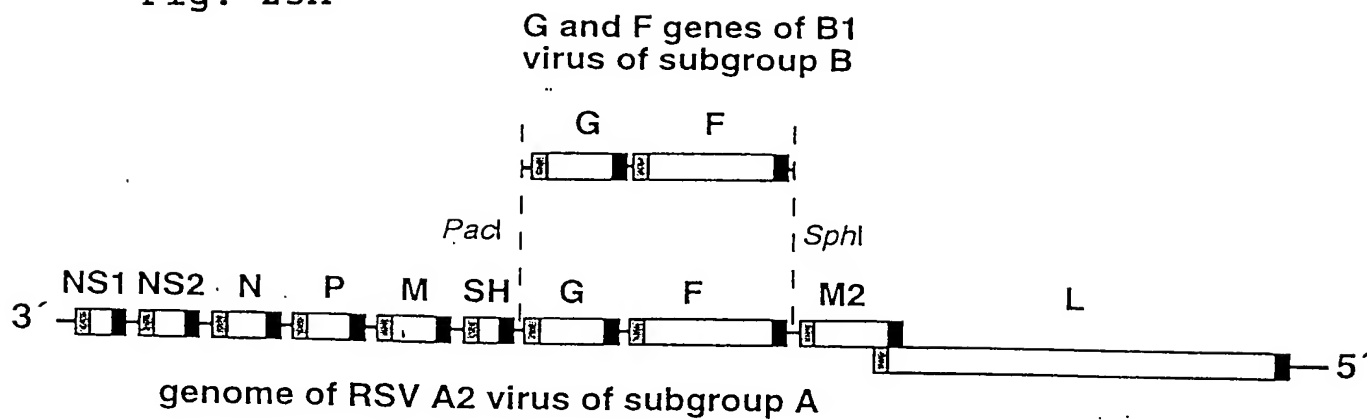


Fig. 25B

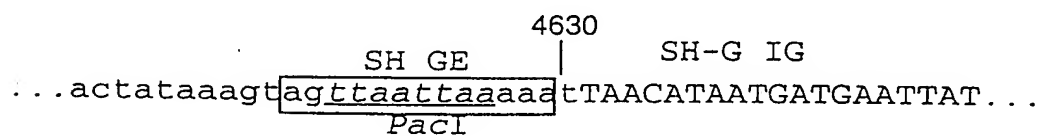


Fig. 25C

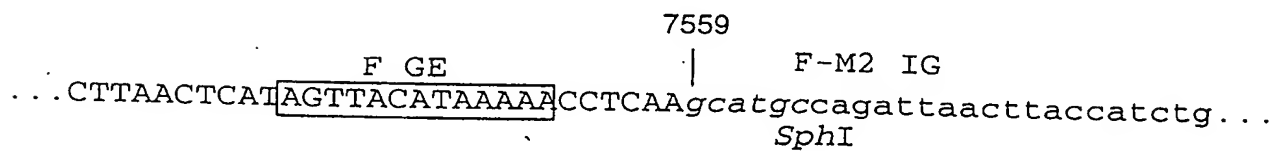
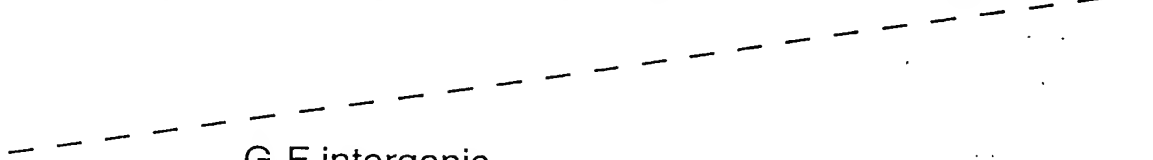


Fig. 26

downstream G ORF

TCC	AAC	TCT	ACT	CAG	AAC	ACT	CAG	TCC	CAC	GCC	TAATG	new, wt
TCA	AAT	TCC	ACC	CAA	AAT	ACC	CAA	TCA	CAT	GCT	T----	
S	N	S	T	Q	N	T	Q	S	H	A		



G-F intergenic

G gene-end

F gene-start

AGTTATATAAAA- AGTTATTCAAAAA	<i>MfeI</i>	GGGGCAAATAA... GGGGCAAATAA...	new wt
	<u>CAATT</u> CTACA		

TCTTAGCAGAAAACCGTGACCTATCAAGCAAGAACGAAATTAAACCT
47-nucleotide deletion

Fig. 27

Replication of chimeric recombinant AB RSVs
in seronegative juvenile chimpanzees

